

COLUMBIAN FUEL CORPORATION

AMARILLO, TEXAS

DIAMOND CORE DESCRIPTION

Date December 8, 1957

Company Columbian Fuel Corporation Farm A. W. Adams Well No. M-2
 State Kansas County Meade Sec. 33 Twp. 34 Rge. 30
 CORE NO. 1 Interval 5752' to 5766' Recovery 14'
 Age of Formation Lower Atoka - Upper Morrow
 Geologist Louis J. Bevacqua
 Remarks: _____

NENE SW

CONSOLIDATED-SALINA-12882-SM-8-53

THICKNESS	LITHOLOGIC DESCRIPTION	VISUAL PORO	FLUID CONTENT
<u>Top:</u>			
9' 0"	<u>Limestone</u> - Dark gray to dark brown, dense, micro crystalline to very fine crystalline, highly argillaceous with scattered thin streaks (1/2" to 1") of shale, black carbonaceous, finely micaceous; three inch streak of black shale in four feet from top. One inch of coal at base.	Tite	None
2' 0"	<u>Sandstone</u> - Gray, tite, very fine grained, highly calcareous, argillaceous with trace of glauconite at base. Bleeding a few bubbles of gas from vertical fractures. No fluorescence, no odor, and no stain.	Tite	None
3' 0"	<u>Shale</u> - Brown to grayish brown, waxy, rotten (top Morrow shale).		
14' 0"	TOTAL Coring Time: 19-28-24-25-25-22-20-18-23-15-18-30-35-51.		

cc: Serge Pertusio (2)
 C. A. Renfro
 Robert Grady
 R. C. Ritchie
 Lyle Stewart
 Cramon Stanton
 George Mahaffey
 File

COLUMBIAN FUEL CORPORATION
AMARILLO, TEXAS

DIAMOND CORE DESCRIPTION

Date... December 9, 1957...

Company... Columbian Fuel Corporation... Farm... A. W. Adams... Well No. M-2...
 State... Kansas... County... Meade... Sec. 33... Twp. 34... Rge. 30...
 CORE NO. 2... Interval .5766! to .5776!... Recovery 10!...

Age of Formation... Morrow...

Geologist... Louis J. Bevacqua...

Remarks:

CONSOLIDATED-SALINA-12682-5M-8-53

THICKNESS	LITHOLOGIC DESCRIPTION	VISUAL PORE	FLUID CONTENT
<u>Top:</u>			
4' 0"	<u>Shale</u> - Dark gray to black rotten carbonaceous, slightly waxy with scattered, thin seams of coal and abundant carbonized plant remains.		
5' 6"	<u>Shale</u> - Dark gray to black rotten, platy carbonaceous, finely micaceous with few scattered nuggets of pyrite.		
0' 6"	<u>Limestone</u> - Dark brown, dense, micro to very fine crystalline, argillaceous with few calcite-healed vertical fractures and vugs.	Tite	None
10' 0"	TOTAL		
	Coring Time: 59-47-70-45-43-45-58-58-51-60.		
	cc: Serge Pertusio (2) C. A. Renfro Robert Grady R. C. Ritchie Lyle Stewart Cramon Stanton George Mahaffey File		

COLUMBIAN FUEL CORPORATION

AMARILLO, TEXAS

DIAMOND CORE DESCRIPTION

Date December 11, 1957

Company Columbian Fuel Corporation Farm A. W. Adams Well No. M-2
 State Kansas County Meade Sec. 33 Twp. 34 Rge. 30
 CORE NO. 3 Interval 5776' to 5810' Recovery 34'

Age of Formation Morrow

Geologist Louis J. Bevacqua

Remarks:

CONSOLIDATED-SALINA-12882-5M-8-53

THICKNESS	LITHOLOGIC DESCRIPTION	VISUAL PORO	FLUID CONTENT
<u>Top:</u>			
1' 0"	<u>Limestone</u> - Dark, gray, dense, micro to very fine crystalline, crinoidal, fossiliferous, highly argillaceous. No odor, no fluorescence.	Tite	None
6' 0"	<u>Shale</u> - Dark gray to black, rotten, platy carbonaceous, finely micaceous with scattered pyrite nuggets. Slightly fossiliferous in bottom foot.		
1' 6"	<u>Limestone</u> - Gray, dense, very fine to micro crystalline, slightly arenaceous, slightly argillaceous, slightly fossiliferous, and slightly glauconitic with few scattered phosphatic nodules and a trace of pyrite. Vertical fractures. No odor and no fluorescence.	Tite	None
0' 6"	<u>Shale</u> - Green, rotten, arenaceous, glauconitic.		
0' 6"	<u>Siltstone</u> - Gray to green, tite, highly argillaceous, glauconitic.	Tite	None
5' 0"	<u>Limestone</u> - Gray to brownish gray, dense, very fine to crystalline, crinoidal, fossiliferous, slightly argillaceous, slightly glauconitic, slightly calcitic in part. No odor and no fluorescence.	Tite	None
1' 0"	<u>Shale</u> - Dark gray to black rotten, slightly carbonaceous.		
2' 6"	<u>Shale</u> - Dark gray, hard, poker-chip, slightly micaceous, slightly calcareous. Vertical fractures.		
3' 0"	<u>Shale</u> - Dark gray, slightly rotten, poker-chip, slightly calcareous, slightly micaceous with trace fossil fragments.		
0' 6"	<u>Shale</u> - Light gray to greenish gray, hard, highly calcareous, fossiliferous, glauconitic.		
5' 6'	<u>Limestone</u> - Tan to light brown, dense, very fine to coarse crystalline, crinoidal, calcitic, slightly glauconitic with six inches greenish gray glauconitic, slightly rotten shale one foot from bottom. Vertical fractures. No odor and no fluorescence. Bleeding a few scattered bubbles of gas from fractures.	Tite	None

COLUMBIAN FUEL CORPORATION

AMARILLO, TEXAS

DIAMOND CORE DESCRIPTION

Date December 11, 1957

Company Columbian Fuel Corporation Farm A. W. Adams Well No. M-2

State Kansas County Meade Sec. 33 Twp. 34 Rge. 30

CORE NO. 3 - Continued Interval 5776' to 5810' Recovery 34'

Age of Formation Morrow

Geologist Louis J. Bevacqua

Remarks:

.....

CONSOLIDATED-SALINA-12892-SM-9-53

THICKNESS	LITHOLOGIC DESCRIPTION	VISUAL PORO	FLUID CONTENT
<u>Top:</u>			
5' 6"	<u>Sandstone</u> - Gray to greenish gray, tite very fine to fine grained, quartzitic, glauconitic, argillaceous, slightly calcareous. Vertical fractures. No odor and no fluorescence.	Tite	None
1' 6"	<u>Siltstone</u> - Gray to dark gray, argillaceous, glauconitic, very slightly calcareous with thin irregular seams of dark gray to black, slightly carbonaceous, slightly micaceous shale. Vertical fractures. No odor and no fluorescence.	Tite	None
34' 0"	TOTAL Coring Time: 38-30-44-51-37-42-32-20-13-16-12-14-17-17-16-32-36-35-40-50-40-56-28-25-28-56-55-21-17-15-25-25-26-56.		
cc: Serge Pertusio (2) C. A. Renfro Robert Grady R. C. Ritchie Lyle Stewart Cramon Stanton George Mahaffey			